

Converting Colors

RGB(230, 231, 228)

Have a look what the booklet for
RGB(230, 231, 228) contains.

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Color

RGB(230, 231, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E6E7E4
RGB	230, 231, 228
RGB Percent	90%, 91%, 89%
CMY	0.0980, 0.0941, 0.1059
CMYK	0.00, 0.00, 0.01, 0.09
HSL	80°, 6%, 90%
HSV	80°, 1%, 91%
XYZ	75.2126, 79.5763, 84.7944
YIQ	230.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

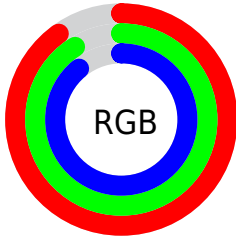
Format	Color
R _Y B	228, 231, 229
Decimal	15132644
CIE Lab	91.49, -0.86, 1.33
CIE LCh	91, 1.585, 123.021
Yxy	79.5763, 0.3139, 0.3321
Android (android.graphics.Color)	4293322724 (0xFFE6E7E4)
YUV	230.3590, -1.1630, -0.3148
Hunter-Lab	89.2055, -5.6094, 6.0857

Details

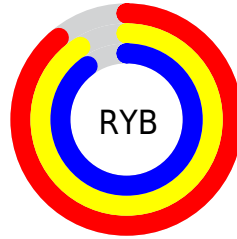
The RGB color **230, 231, 228** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **229, 228, 231**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 175, 173** is the 20% darker color. If you saturate the color by 10%, you get **222, 231, 205**, and if you desaturate by 10%, it is **238, 231, 251**.

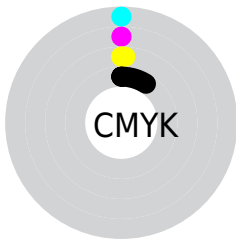
Distribution



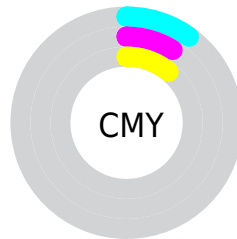
- Red (90%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 231, 228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 230, 231, 228 by changing the saturation by 10% instead.

■ 230, 231, 228

255, 255, 255

■ 230, 231, 228

■ 202, 203, 200

■ 175, 175, 173

■ 148, 149, 146

■ 122, 123, 120

■ 97, 98, 96

■ 74, 74, 72

■ 51, 52, 50

■ 30, 31, 29

■ 5, 6, 2

 230, 231, 228

 230, 231, 228

 222, 231, 205

 238, 231, 251

 215, 231, 182

 245, 231, 255

 207, 231, 159


 253, 231, 255


 199, 231, 136


 255, 231, 255

 192, 231, 113

 184, 231, 89

 176, 231, 66

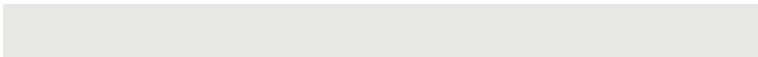
 168, 231, 43

 161, 231, 20

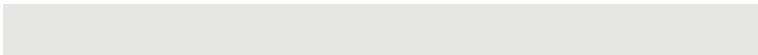
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 231, 228



230, 231, 228



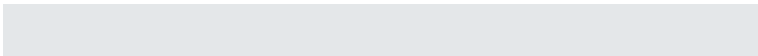
228, 231, 229

Triad

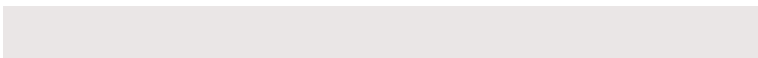
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 231, 228



228, 231, 233



234, 230, 230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



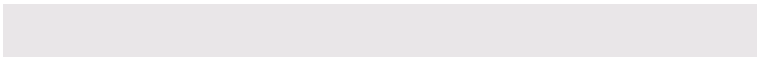
230, 231, 228



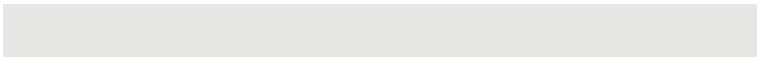
229, 228, 231

Split Complementary

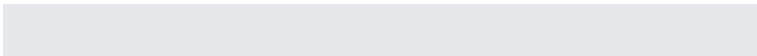
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 230, 232



230, 231, 228



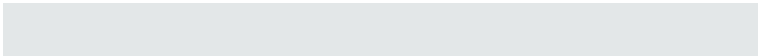
229, 231, 234

Square

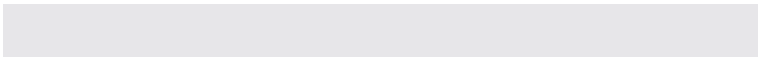
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



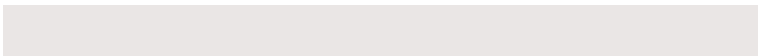
230, 231, 228



227, 231, 232



231, 230, 233



234, 230, 229

Rectangle

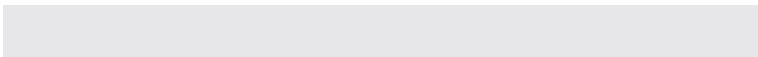
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



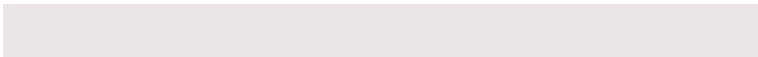
230, 231, 228



228, 232, 230



231, 230, 233



234, 230, 231

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



230, 231, 228

255, 255, 255



231, 229, 228



128, 128, 128



0, 0, 0

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 231, 228



253, 255, 250



229, 231, 228



114, 115, 112



119, 179, 0



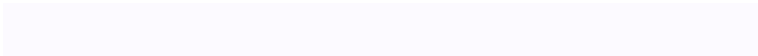
34, 51, 0

Inverse Universe

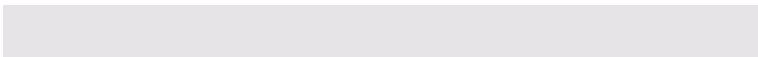
The Inverse Universe completely reimagines the original color for something new.



229, 228, 231



252, 250, 255



231, 228, 231



113, 112, 115



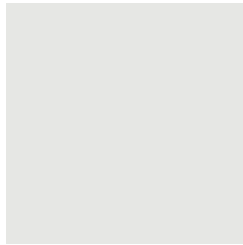
59, 0, 179



17, 0, 51

Previews

White Background



This preview shows how the RGB color 230, 231, 228 looks on a white background.

Color Contrast Check

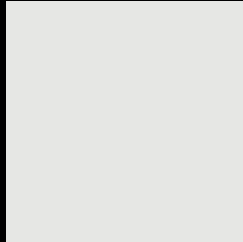
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 230, 231, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

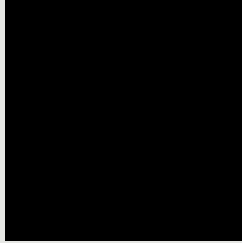
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

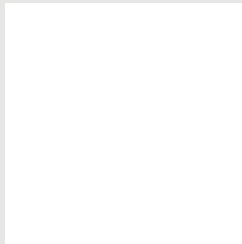
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 230, 231, 228 Background



This preview shows how black text looks on a background with the RGB color 230, 231, 228.

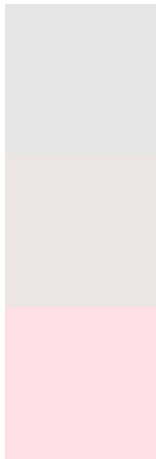


This preview shows how white text looks on a background with the RGB color 230, 231, 228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
230, 231, 228

Protanopia
235, 229, 227

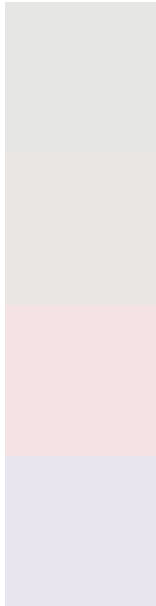
Deuteranopia
253, 223, 230



Tritanopia

233, 228, 246

Trichromacy



Original Color

230, 231, 228

Protanomaly

233, 230, 227

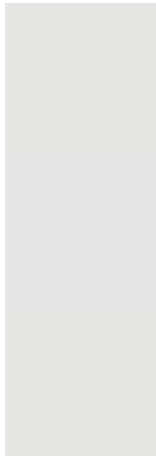
Deuteranomaly

245, 226, 229

Tritanomaly

232, 229, 239

Monochromacy



Original Color

230, 231, 228

Achromatopsia

230, 230, 230

Achromatomaly

230, 230, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 231, 228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(230, 231, 228) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 228) }
```

Border

The CSS property to change the border of an element to RGB 230, 231, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 231, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 231, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 230, 231, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
231, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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